21163PV

SUBSTITUTE for PTO/SB/01 (10-01), DECLARATION FOR UTILITY
REC & PE

DECLARATION	AND	Attorney Docket Number	21163									
POWER OF ATTO	)RNEY	First Named Inventor	Joseph Duffy									
FOR UTILITY OR D	)ESIGN	COMPLETE IF KNOWN										
PATENT APPLICA (37 CFR 1.63)		Application Number										
Declaration D		Filing Date		· ·								
Submitted Submitted OR Fi	Submitted after Initial Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit										
ring	required)	Examiner Name										
As a below named inventor, I l	ess, and citizenship a	are as stated below next to my	name.									
I believe I am the original, first	t and sole inventor (i subject matter which	if only one name is listed belov n is claimed and for which a pa	w) or an original, first and jout Atent is sought on the invent									
SUBSTITUTED BICYCLIC TH	IIOPHENE DERIVA	ATIVES, COMPOSITIONS C	ONTAINING SUCH COM	IPOUNDS AND								
		(Title of the Invention)										
the specification of which		1 -1		1								
bears the Attorney Docker	t Number and Title	of the Invention noted above										
OR				1								
is attached hereto												
OR	7777	as United States	Application Number or PCT	l' International								
was filed on (MM/DD/Y)	YY1) [	d was amended on (MM/DD/Y		(if applicable).								
Application Number I hereby state that I have review	anu	was amenued on (minute) -	ntified specification, includ	ing the claims, as								
I hereby state that I have review amended by any amendment s	wed and understand	to above.	ititos spo									
			· · · · · · · · · · · · · · · · · · ·	naterial to natentability								
I acknowledge the duty to disc	close to the Patent a	nd Trademark Office all inton	nation known to me to be a	ame available between								
as defined in 37 CFR 1.56, inc	icinding for commun	ional or PCT international filit	ng date of the continuation-	in-part application.								
the filing date of the prior app	pircation and the nati	1011an 01 1 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	(h) of any foreign application	on(s) for patent or inventor's								
I hereby claim foreign priority certificate(s), or 365(a) of any	benefits under 33 of port international 3	annlication which designated a	t least one country other tha	an the United States of								
certificate(s), or 365(a) of any America, listed below and have	ve also identified bel	low, by checking the box, any	foreign application for pate	is claimed.								
America, listed below and hav or of any PCT international ap	oplication having a f	illing date colors		Priority Claimed?								
Prior Foreign Application		Foreign Filing (MM/DD/YY)	Date	et Number YES NO								
Number(s)	Country	(MINDD/11										
				—— <del>———————————————————————————————————</del>								
				<del></del>								
		·										
Additional foreign applic	cation numbers are list	ted on a supplemental priority data	sheet PTO/SB/02B attached h	nereto:								
Additional D 1	25 11 S.C. 119(e) of	any United States provisional app	lication(s) listed below.									
I hereby claim the benefit under		Filing Date (MM/DD/YYYY	A4400	rney Docket Number								
A notication NIII	inder(S)	(2,22,2										

[Page 1 of 4 ]

09/12/2002

Application Number(s)

60/410,145

#### **→** 🛨

# DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

esignating the	the benefit under 35 U.S. e United States of Amerid in the prior United State, I acknowledge the duty which became available	tes or PCT internation	al appli	ication in the	manner pro	vided by the	e first para	agraph of ned in	
7 CFR 1.56 late of this ap	onlication.						Parent Pa	tent Number	
U.	S. Parent Application or PCT	Parent		Parent Filing I (MM/DD/YY)	Date (Y)			plicable)	
	Application Number					}			
			<del>                                     </del>						
			<del> </del>						
			—						
			<u> </u>			L			
Addition	al U.S. or PCT internationa	l application numbers ar	e listed (	on a supplemen	tal priority d	ata sheet PTC	D/SB/02B a	attached hereto	·
following regi:	stered practitioner(s) to pros	ecute this application an	d to trai	isact all busines	s in the Ohi			er Number	
connected the	Custo	omer Number					ce Custom Code Lab		
	OR X Regis	stered practitioner(s) nar	ne/regist	ration number	isted below				
		Registratio			Nam	e		Registr Numl	
	Name	Number				-			
chard C. Bill	lups	31,916-	<del>-</del>						
elvin Winok	ur	32,763							
						-			
						17			
		Customer Number or I	Sar Cod	e Label	0002	10			
Direct all co	orrespondence to: X C			4					
lame	Richard C. Billups								
		1 Demontment							
Address	Merck & Co., Inc Pa	tent Department							
Address	P.O. Box 2000, RY6	0-30							
				State NJ		ZIP	07065	65-0907	
City	Rahway			State NJ					
~ .	USA	Teleph	one (7	32)594-4683		Fax	(732)	2)594-4720	
Country	IUSA								
			m knos	vledge are tru	e and that a	ll statement	s made or	n information	and
belief are	eclare that all statements believed to be true; and f	fine or innocisonment	or bot	h, under 18 U ed thereon.	S.C. 1001	and that suc	h willful	false statemer	and and ats
belief are the like so may jeopa	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the a	fine or innocisonment	or bot	h, under 18 U ed thereon.	S.C. 1001	and that suc	h willful	n information e statements a false statemen ned inventor	and and ats
belief are the like so may jeopa	eclare that all statements believed to be true; and formade are punishable by ardize the validity of the a	fine or imprisonment	or bot	h, under 18 U ed thereon.	S.C. 1001	and that suc	this unsig	false statement	and and ants
belief are the like so may jeopa	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the a	fine or imprisonment	or bot	h, under 18 U.ed thereon.	S.C. 1001	and that suc	this unsig	false statement	and and ats
belief are the like so may jeopa Name of Sol Joseph	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the article or First Inventor:  Given Name (first and	fine or imprisonment	or bot	h, under 18 U ed thereon.	S.C. 1001	and that suce en filed for Family Nar	this unsig	false statement	and and ints
belief are the like so may jeopa Name of Sol Joseph Inventor's	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the alle or First Inventor:  Given Name (first and	fine or imprisonment	or bot	h, under 18 U.ed thereon.	S.C. 1001	and that suc	this unsig	false statement	and and ants
belief are the like so may jeopa Name of Sol Joseph Inventor's	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the alle or First Inventor:  Given Name (first and	indication or any pate	or bot	h, under 18 U.ed thereon.	S.C. 1001 tion has bee	and that such that filed for Family Nar	this unsig	ned inventor	and and and ants
Name of Sol Joseph Inventor's Signature Residence City Post Office	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the alle or First Inventor:  Given Name (first and first and fir	indication or any pate	or both	h, under 18 U.ed thereon.  A peti  Duffy	S.C. 1001 tion has bee	and that such that filed for Family Nar	this unsigne or Sur	ned inventor	and and hts
Inventor's Signature Residence City Post Offic Address	eclare that all statements believed to be true; and for made are punishable by ardize the validity of the alle or First Inventor:  Given Name (first and first and fir	middle [if any])  State  I, Inc., P.O. Box 2000	or both ent issu	Duffy  Count	s.C. 1001 tion has bee	en filed for Pamily Nar  Date	this unsigne or Sur Citizens	false statement inventor rname  L, Z  hip US	and and and ants

## DECLARATION AND POWER OF ATTORNEY

# ADDITIONAL INVENTOR(S) . Supplemental Sheet

ame of Additional Joint Inventor, if any:						A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname							
zabeth Louise	1 Nan	ne (first and findure fir	uny 1/		Can	npbell							
				0.1	_1				Date	.1	- (-	2002	
ventor's gnature		Eugebeth J. Campbell  odbridge North Brunswick State NJ N.			/11	<del>\</del>			Date	<b>*</b>	2003 US		
				ıj VV	Jo	Count	ry I	JS ———		Citi	zensnip		
st Office ldress		Merck & Co., Inc., P.O.	Box 2000					— Т,	ZIP		7065-090	7	
ity	]	Rahway	+		Stat								
_		int Inventor, if any:			$\perp$	A pe	titio				or Surna	d inventor	
Give	n Na	me (first and middle [i	if any])		<del>-  </del>			<u>r</u>	amily is	ame	or Surna	ine	
ui	1				Li	ang			Date		Aug	7 2003	
ventor's ignature		Rio	La J					110			tizenship	7, 2003	
lesidence: Lity	East	Brunswick \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	State	NJ		Coun	try	US		Ci			
ost Office ddress		Merck & Co., Inc., P.O.	. Box 2000	) 					<u> </u>	-1			
City		Rahway			Sta		NJ		ZIP		07065-090		
		oint Inventor, if any:				] A <sub>1</sub>	etiti		_			ed inventor	
Giv	en N	ame (first and middle	[if any])						Family I	vame	or Surna	ame	
Inventor's									Date				
Signature Residence:	-		State			Cou	ntry			C	itizenshi	р	
<u>City</u> Post Office Address		Merck & Co., Inc., P.	O. Box 200	00									
City		Rahway			St	ate	NJ		ZIP		07065-09	907	
Name of Addit	ional	Joint Inventor, if any:		_		A	peti	tion has				ned inventor	
Given Name (first and middle [if any])						Family Name or Surname							
										T			
Inventor's Signature									Dat				
Residence: City			State			Country						ip	
Post Office Address		Merck & Co., Inc., F	P.O. Box 20	000			1		<del></del>		Τ		
City		Rahway			s	State	N.	J 	ZIP		07065-0	)9U/	

#### DECLARATION AND POWER OF ATTORNEY

## ADDITIONAL INVENTOR(S) Supplemental Sheet

									- C1-4 Co.	. this	unsigned i	nventor		
ame of Additional Joint Inventor, if any:					<u> </u>	A petition has been filed for this unsigned inventor  Family Name or Surname								
Given Name (first and middle [if any])														
non					Kor	nteatis								
ventor's gnature	1.0	Zenon J							,2003					
esidence: lity	Chat	ham Township	State	NJ		Countr	yU	S		Citiz	zenship U	S		
ost Office ddress		Merck & Co., Inc., P.O.	Box 200	0	ı -									
City		Rahway				State 1-11			ZIP	P 07065-0907  filed for this unsigned inventor				
		oint Inventor, if any:	<u> </u>			A pe	titior				s unsigned or Surnam			
Give	en Na	ame (first and middle [i	f any])		╁				aimiy 140	inio (	or Gurrians			
nventor's Signature	T								Date					
Residence:	<del>                                     </del>		State			Count	ry			Citi	izenship			
Post Office Address		Merck & Co., Inc., P.O. Box 2000												
City		Rahway	<del>.</del>		Sta				ZIP		7065-0907			
		Joint Inventor, if any:	<u> </u>		_[	] A p	etitio				is unsigned or Surnar			
Giv	ven N	Jame (first and middle	if any])		$\dashv$				1 anniy 1	<u> </u>	0.00			
Inventor's Signature									Date	e				
Residence: City			State			Coun	try			Ci	tizenship			
Post Office Address		Merck & Co., Inc., P.C	D. Box 20	000			1							
City		Rahway	_				NJ		ZIP	i	07065-090			
1		Joint Inventor, if any:			[	A petition has been filed for this unsigned inventor								
G	Given Name (first and middle [if any])						Family Name or Surname							
Inventor's Signature									Date	le				
Residence: City	+		Stat	te		Country					itizenship			
Post Office Address		Merck & Co., Inc., P.	O. Box 2	2000										
City		Rahway			s	<b>State</b> NJ <b>ZIP</b> 07065-0907				07				